

Title (en)
HOLLOW HYDROGEL CAPSULES AND METHODS OF USING THE SAME

Title (de)
HOHLE HYDROGELKAPSELN UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)
CAPSULES D'HYDROGEL CREUSES ET LEURS PROCÉDÉS D'UTILISATION

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Application
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Abstract (en)
[origin: US2014174724A1] The present invention relates to hollow hydrogel capsules. In various embodiments, the present invention provides a method of treating a subterranean formation with a hollow hydrogel capsule including a hydrogel shell including a hydrolyzed and crosslinked polymerized composition. The hollow hydrogel capsule also includes a hollow interior including at least one component of a downhole composition for subterranean petroleum or water well drilling, stimulation, clean-up, production, completion, abandonment, or a combination thereof. In various embodiments, the present invention provides compositions comprising the hollow hydrogel capsules and methods of making the hollow hydrogel capsules.

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